

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------|------------------|---------|------------------|
| L3    | 165  | engine and misfir \$4 and (expansion with time\$1) and (compression with time\$1)             | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 09:11 |
| L4    | 13   | (engine and misfir \$4).ab. and 3   | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 09:11 |
| L5    | 152  | 3 not 4   | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 09:30 |
| L6    | 2    | 5 and "73"/\$.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 09:31 |
| L7    | 0    | (engine and misfir \$4 and (expansion with time\$1) and (compression with time\$1)).ab. and 5 | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 09:39 |
| L8    | 150  | 5 not 6   | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 09:39 |
| L9    | 14   | 8 and "701"/\$.ccls.  | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 09:40 |
| L10   | 136  | 8 not 9   | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 09:55 |
| L11   | 98   | 73/114.02.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 10:30 |
| L12   | 6    | 11 and misfir\$4 and expansion and compression  | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 10:30 |
| L13   | 74   | 73/114.03.ccls.   | US-PGPUB; USPAT | OR               | ON      | 2009/08/01 10:44 |

|     |     |  |                        |    |    |                     |
|-----|-----|--|------------------------|----|----|---------------------|
| L14 | 7   | 13 and misfir\$4<br>and expansion and<br>compression | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>10:44 |
| L15 | 67  | 13 not 14  | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>10:50 |
| L16 | 183 | 73/114.04.ccls.                                      | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:07 |
| L17 | 28  | 16 and misfir\$4<br>and expansion and<br>compression | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:07 |
| L18 | 60  | 73/114.05.ccls.                                      | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:19 |
| L19 | 6   | 18 and misfir\$4<br>and expansion and<br>compression | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:19 |
| L20 | 89  | 73/114.08.ccls.                                      | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:22 |
| L21 | 6   | 20 and misfir\$4<br>and expansion and<br>compression | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:22 |
| L22 | 228 | 73/114.26.ccls.                                      | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:27 |
| L23 | 4   | 22 and misfir\$4<br>and expansion and<br>compression | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:28 |
| L24 | 86  | 73/114.27.ccls.                                      | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:30 |
| L25 | 3   | 24 and misfir\$4<br>and expansion and<br>compression | US-<br>PGPUB;<br>USPAT | OR | ON | 2009/08/01<br>11:30 |
| S1  | 9   | ((thomas or tom or<br>tommy) near3<br>hopf).in.      | US-<br>PGPUB;<br>USPAT | OR | ON | 2008/07/15<br>10:31 |
| S2  | 5   | (ulrich near3<br>staufenberg).in.                    | US-<br>PGPUB;<br>USPAT | OR | ON | 2008/07/15<br>10:32 |

|    |     |   |                    |    |    |                     |
|----|-----|---|--------------------|----|----|---------------------|
| S3 | 14  | S1 or S2  | US-PGPUB;<br>USPAT | OR | ON | 2008/07/15<br>10:32 |
| S4 | 0   | engine and misfir<br>\$4 and S3   | US-PGPUB;<br>USPAT | OR | ON | 2008/07/15<br>10:33 |
| S5 | 153 | engine and misfir<br>\$4 and (expansion<br>with time\$1) and<br>(compression with<br>time\$1) | US-PGPUB;<br>USPAT | OR | ON | 2008/07/15<br>10:36 |
| S6 | 13  | (engine and misfir<br>\$4).ab. and S5   | US-PGPUB;<br>USPAT | OR | ON | 2008/07/15<br>10:38 |
| S7 | 5   | "269148".ap.  | US-PGPUB;<br>USPAT | OR | ON | 2009/04/06<br>11:50 |

**EAST Search History (Interference)**

&lt; This search history is empty &gt;

**8/ 1/ 09 11:32:12 AM**
**C:\ Documents and Settings\ EMCCall\ My Documents\ EAST\ Workspaces  
 \ 09269148.wsp**